Ledtech

DOT MATRIX DISPLAY

1.2" 5 x 7 SINGLE COLOR & BI-COLOR

1.2" 5 x 7 SINGLE COLOR Electrical / Optical Characteristics at T_A = 25°C & I_F = 20 mA.

PART NUMBER	CHIP COLOR	λ_p (nm)	V_F (v)		Iv (mcd)	
		TYP.	TYP.	MAX.	MIN.	TYP.
LJ5751-XXEWRN	RED	700	2.1	3.0	1.5	2.5
LJ5721-XXEWRN	GREEN	567	2.1	3.0	5.4	9.0
LJ5721-XXHEEWRN	HE GREEN	567	2.1	3.0	14.0	24.3
LJ5731-XXEWRN	YELLOW	585	2.1	3.0	4.4	7.3
LJ5731-XXM1EWRN	YELLOW	595	2.1	2.4	11.4	19.0
LJ5741-XXEWRN	ORANGE	635	2.1	3.0	6.2	10.4
LJ5741-XXM1EWRN	ORANGE	620	2.0	2.4	11.4	19.0
LJ5771-XXM1EWRN	RED	660	1.7	2.2	14.5	24.3
LJ5771-XXEWRN	SB RED	660	1.7	2.2	24.3	40.4

• (XX : DIFFERENT CIRCUIT)

PIN FUNCTION

LJ57X1-11 SINGLE COLOR CATHODE ROW

ROW NO. (CATHODE)	1	2	3	4	5	6	7	
PIN NO.	9	14	8	12.5	1	7	2	
COLUMN NO. (ANODE)	1	2	3	4	5			
PIN NO.	13	3	4.11	10	6			

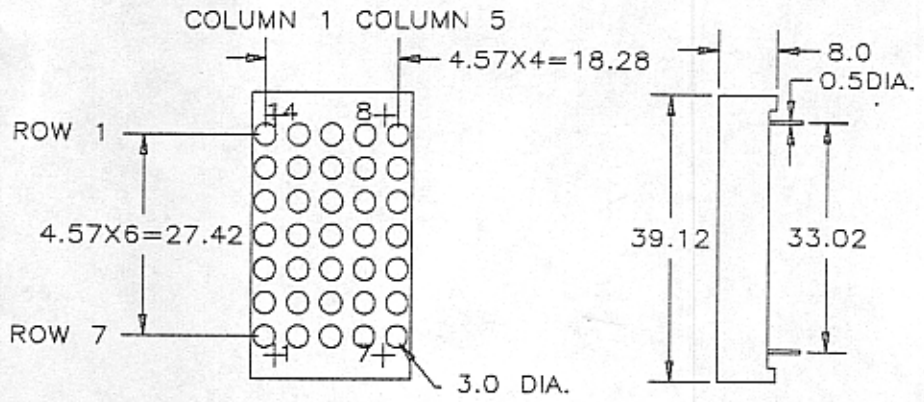
LJ57X1-21 SINGLE COLOR ANODE ROW

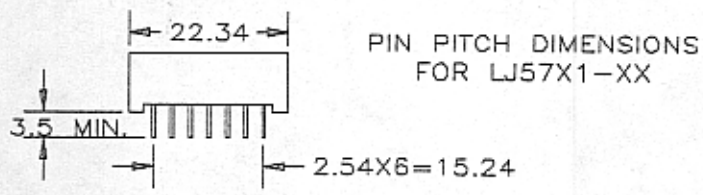
ROW NO. (ANODE)	1	2	3	4	5	6	7	
PIN NO.	9	14	8	12.5	1	7	2	
COLUMN NO. (CATHODE)	1	2	3	4	5			
PIN NO.	13	3	4.11	10	6			

1.2" 5 x 7 BI-COLOR Electrical / Optical Characteristics at T_A = 25°C & I_F = 20 mA.

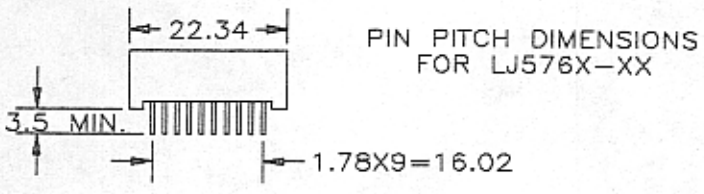
PART NUMBER	LED CHIP EMITTING COLOR		λ_p (nm)		V_F (v)				Iv (mcd)	
			TYP.	TYP.	TYP.	MAX.	TYP.	MAX.	TYP.	TYP.
LJ5763-OGEWRN	ORANGE	GREEN	635	567	2.1	3.0	2.1	3.0	10.4	9.0
LJ5763-M1FEWRN	RED	HE GREEN	660	567	1.7	2.2	2.1	3.0	24.3	24.3
LJ5763-SBFEWRN	SB. RED	HE GREEN	660	567	1.7	2.2	2.1	3.0	40.6	24.3
LJ5764-OGEWRN	ORANGE	GREEN	635	567	2.1	3.0	2.1	3.0	10.4	9.0
LJ5764-M1FEWRN	RED	HE GREEN	660	567	1.7	2.2	2.1	3.0	24.3	24.3
LJ5764-SBFEWRN	SB RED	HE GREEN	660	567	1.7	2.2	2.1	3.0	40.6	24.3

PACKAGE DIMENSIONS





PIN PITCH DIMENSIONS FOR LJ57X1-XX



PIN PITCH DIMENSIONS FOR LJ576X-XX

PIN FUNCTION

LJ5763-XX BI-COLOR CATHODE ROW

ROW NO. (CATHODE)	1	2	3	4	5	6	7
PIN NO.	12	20	11	7.17	1	10	2
COLUMN NO. (ANODE)	1	2	3	4	5		
PIN NO. (GREEN)	18	3	5.15	13	8		
PIN NO. (RED or ORANGE)	19	4	6.16	14	9		

LJ5764-XX BI-COLOR ANODE ROW

ROW NO. (ANODE)	1	2	3	4	5	6	7
PIN NO.	12	20	11	7.17	1	10	2
COLUMN NO. (CATHODE)	1	2	3	4	5		
PIN NO. (GREEN)	18	3	5.15	13	8		
PIN NO. (RED or ORANGE)	19	4	6.16	14	9		

1. ALL DIMENSIONS ARE IN mm. TOLERANCE IS ± 0.25 mm UNLESS OTHERWISE NOTED.
2. THE SLOPE ANGLE OF ANY PIN MAY BE ± 5.0° MAX.